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INSTALLATION GUIDE

Model: xAPT-103PEW, xAPT-103PE

1. BEFORE STARTING

The power input is on the left side of the terminal (Figure 1). Connect the plug from the power adapter into the power input (Figure 2). Plug the power adapter into a 120-volt electrical outlet or into a surge suppressor (recommended) after the power cord is connected to the power adapter. The rechargeable battery is installed at the back of the device (Figure 3).



Figure 1



Figure 2



Figure 3

- Adapter spec:
 - DELTA_ADP-36JH B
 - **Input:** 100-240Vac, 50/60Hz 1A **Output:** 12Vdc, 3A
- RTC battery spec.: 3V, CR2032
- Operating Temperature: 0 °C to 40 °C

Caution: The cover (Figure 6) shall be provided with a means to keep it closed during normal operation.

Caution: Risk of explosion if the battery is replaced by an incorrect type. Please dispose of used battery according to the instructions.

Warning: A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used.

This terminal supports one USB port. The USB host port locates on the left side of the terminal with a protected cover (Figure 4). If the terminal uses a peripheral device with USB connector, plug it into the USB host port (Figure 5).



Figure 4

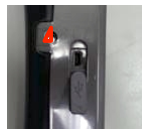


Figure 5

(Optional) The terminal supports for a variety of wireless communications to host machine (M2M) including GSM 3G technology, Wi-Fi, and 3G+Wi-Fi combo solution. Open the battery compartment cover behind the device (Figure 6), and find the SIM card slot on the right side of the terminal (Figure 7). Insert the SIM card into the SIM card slot to communicate with GSM/3G (Figure 8). Make sure SIM card is inserted in the right direction.



Figure 6



Figure 7



Figure 8

2. POWER ON THE TERMINAL

Gently lift the printer cover's latch to open the cover (Figure 9). There is a bevel on the upper tight side of the battery slot (Figure 10); install the battery pack by the correct direction (Figure 10). Then press the "Cancel" button at the front of device (Figure 11) until the system is booted up.



Figure 9



Figure 10



Figure 11



Figure 12

3. LOADING THE PAPER

Gently pop the printer cover's latch to open the cover (Figure 13); then lift the cover. Load a roll of thermal paper (Appleton 1012 recommended) into the printer (Figure 14). Load it so that the print-side of the paper will feed out facing the operator. Close the cover by pressing down evenly on both side tabs, or by pressing on the center of the printer cover. Use the serrated bar to tear off any excess paper.



Figure 13



Figure 14

4. USING THE CARD READER

MAGNETIC CARD READER

Find the card reader slot at the right side of terminal. Slide the card in either direction through the slot without stopping. If the card swipe fails, check the position of the magnetic stripe and slide the card again (Figure 14).

CONTACTLESS CARD READER

Contactless reader antenna is around the display and PIN pad. It will light up with blue color signal when terminal is powered on and that means reader is working normally. Put contactless card to approach the antenna of card reader (Figure 15) for reading the card data during transaction.

SMART CARD READER

The Integrated Circuit Card (ICC) reader is located at the most bottom end (Figure 16). Please make sure that ICC side is facing upward when inserting into the slot.



Figure 15



Figure 16



Figure 17

5. USING THE KEY PAD

To enter numbers or letters, simply press the appropriate key. For example, to type the letter B: Press and release [B] twice times, and then the screen displays “B” (Figure 18).



Figure 18

6. INSTALLING THE SAM CARD

Open the battery compartment cover behind the device (Figure 19), and find the SAM card slot on the right side of the terminal (Figure 19). Before insert the SAM card, please turn off the device. Insert the SAM card in the slot as figure. Make sure the SAM card is inserted in the right direction (Figure 20).



Figure 19



Figure 20

7. INSTALLING THE PRIVACY SHIELD

The privacy shield for the device is shown as figure 21 and there are 4 latches on the back of the privacy shield (Figure 22). Users can install the privacy shield by correctly pressing the 4 latches into the device (Figure 23).

The terminal is compliant with PCI privacy screen design requirement when the detachable privacy shield is installed on the device. Any change to or removal of this privacy shield will cause security concerns.

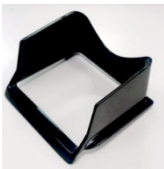


Figure 21

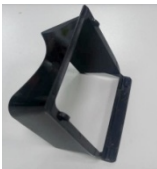


Figure 22



Figure 23

8. USING CHARGING DOCKING STATION

Plug in the power to the right side of the charging station (Figure 24). At the back of the payment device, loosen the rubber door as shown in the picture (Figure25). Place the payment device firmly on the charging station (note, do not block the contacts between the charging pin of charging station and the charging plate of payment device) (Figure26).



Figure 24



Figure 25



Figure 26

Caution: When removing bottom cover for the purposes of cable or SAM card installation, remember to reinstall the protective cover and make sure to keep it in place.

Caution: Risk of explosion if the battery is replaced by an incorrect type. Please dispose of used battery according to the instructions.

Warning: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Warning: If the device, T103, is used without the detachable privacy shield, the following criteria needs to be met by the Installed Environment of the PED for complying with the PCI privacy screen design requirement:

- A. Positioning of the PED on the check-stand in such way as to make visual observation of the PIN-entry process infeasible.
 - Visual shields designed into the check-stand.
 - Position the PED so that it is angled in such a way to make PIN spying difficult.
- B. Pop-up (temporary) privacy shield attached to the PED mounting stand. Consumer (through education & prompting) or merchant would put the shield in place during PIN entry.
- C. Installing PED on an adjustable stand that allows consumers to swivel the terminal sideways and/or tilt it forwards/backwards to a position that makes visual observation of the PIN-entry process difficult.
- D. Positioning of in-store security cameras such that the PIN-entry keypad is not visible.
- E. Instructing the cardholder regarding safe PIN-entry, done with a combination of:
 - Signage on the PED.
 - Prompts on the display, possibly with a "click-through" screen.
 - Potentially literature at the point of sale.
 - A logo for safe PIN-entry process.

Table A1: Matrix of Observation Corridors and PIN Protection Method

Method	Observation Corridors				
	Cashier	Customers in Queue	Customers Elsewhere	On-Site Cameras	Remote Cameras
PED Stand A	M	H	L	L	L
PED Stand B	H	H	H	L	M
Check-Stand A	L	M	M	L	H
Check-Stand B	H	H	M	H	H
Customer Instruction	H*	H*	H*	H*	H*

Customer Instruction methods are less repeatable and therefore should be used in combination with other methods. L = low, M = medium, H = high.

Caution: This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Federal Communication Commission Interference Statement (only for xAPT-103PUW, xAPT-103PU):

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Industry Canada Statement (for all models):

This device complies with RSS-210 of the Industry Canada Rules. Operation is subject to the following two conditions:

- (1) this device may not cause interference and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device

Ce dispositif est conforme à la norme CNR-210 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes:

- (1) le dispositif ne doit pas produire de brouillage préjudiciable, et
- (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

IMPORTANT NOTE: IC Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

NOTE IMPORTANTE: (Pour l'utilisation de dispositifs mobiles)

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

Warning: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.



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